IMP. BUR.
-1 OCT. 1926
ENTOM.

S. R. A.-Fed. Hort. Bd. 7. Issued September 25, 1914.

U. S. DEPARTMENT OF AGRICULTURE,

FEDERAL HORTICULTURAL BOARD.

C. L. Marlatt, *Chairman;* W. A. Orton; George B. Sudworth; W. D. Hunter; ——————; R. C. Althouse, *Secretary.*

SERVICE AND REGULATORY ANNOUNCEMENTS.

AUGUST, 1914.

LIST OF COUNTRIES WHICH NOW MAINTAIN NURSERY STOCK INSPECTION, WITH LIST OF OFFICIAL INSPECTORS OF SUCH COUNTRIES AND WORDING OF OFFICIAL SEALS.

The following countries have officially advised the Department of Agriculture through the State Department of the establishment and maintenance of a system of nursery stock inspection and certification, in compliance with the requirements of the Plant Quarantine Act of August 20, 1912:

Australia.
Barbados.
Belgium.
Bermuda.
British Guiana.
Canada.
Cuba.
Denmark.
England.
France.
Germany.
Guatemala.
Holland.
Ireland.
Japan.
Leeward Islands:
  Antigua.
  St. Christopher-Nevis.
  Dominica.
  Montserrat.
  Virgin Islands.
Luxemburg, Grand Duchy of.
New Zealand.
Scotland.
South Africa, Union of.
Straits Settlements.
Switzerland.
Trinidad.
Wales.
Windward Islands:
  Granada.
  St. Lucia.
  St. Vincent.

The Italian Government has indicated that the Province of Padua will certify export nursery stock, and a national law has been passed with the object of ultimately meeting for the country as a whole the requirements of the Plant Quarantine Act.

The list of the official inspectors of the countries above enumerated authorized to examine and certify nursery stock intended for export to the United States, giving their titles and official stations, as well as the seals which are affixed to both the original and copy certificates of inspection, follows:

AUSTRALIA.

Sydney, New South Wales.—H. V. Jackson, officer in charge, export and import branch, department of agriculture; J. Martin, jr., senior port inspector, department of agriculture; E. D. Butler, senior county inspector; G. Hainsworth, inspector. Seal: "Department of Agriculture, New South Wales, Australia."

Melbourne, Victoria.—J. G. Turner, department of agriculture, 605 Flinmore Street.

Brisbane, Queensland.—Certificates will be countersigned by E. G. E. Scriven, under secretary, department of agriculture; supervising inspector will be Henry Tryon, Government entomologist and vegetable pathologist; acting supervising inspector in absence of Tryon, Edmund Jarvis, assistant entomologist. Seal: "Department of Agriculture and Stock, Queensland."

Adelaide, South Australia.—George Quinn, department of agriculture.

Perth, West Australia.—J. F. Moody, department of agriculture.

Hobart, Tasmania.—T. A. Tabart, department of agriculture.

Darwin, Northern Territory.—G. F. Hill, chief quarantine officer for plants.

The inspection arrangements will be under the direction of the Commonwealth director of quarantine, and the chief official inspector for each State will be the chief quarantine officer for plants. The actual inspection will be made by quarantine officers. Seal: "Quarantine, Commonwealth of Australia."

BARBADOS.

Bridgetown.—Mr. J. R. Borell, I. S. O., F. L. S., superintendent of agriculture. Mr. W. Newell, assistant superintendent. Seal: "Superintendent of Agriculture, Barbados."

BELGIUM.

Ghent.—Dr. D. Van Hove, State entomologist of Belgium, Quai de Ter Plaeten, 29. Seal: "Ministere de l'Agriculture. Service Phytopathologique."

BERMUDA.

Hamilton.—Mr. E. J. Wortley, director of agriculture. Seal: "Department of Agriculture, Bermuda."

BRITISH GUIANA.

Georgetown.—Chief: Mr. C. K. Bancroft, M. A., F. L. S., Government botanist. Deputies: Officials of the department of science and agriculture, as follows: Mr. R. Ward, agricultural superintendent. Mr. G. E. Bodkin, B. A., economic biologist. Mr. J. F. Waby, F. L. S., F. R. H. S., head gardener. Mr. W. E. Augustus, agricultural instructor for the county of Berbice. Seal: "Inspector of Nursery Stock, Board of Agriculture, British Guiana."

CANADA.

Ottawa.—Dr. C. Gordon Hewitt, Dominion entomologist. Mr. Arthur Gibson, chief assistant. Seal: "Division of Entomology, Department of Agriculture, Canada."

CUBA.

Habana.—Sr. Francisco B. Cruz, Director de la Granja Escuela Agrícola de la Habana. Dr. Mario Sánchez y Roig, professor of botany, agricultural school.

Matanzas.—Sr. Jorge Navarro, Director de la Granja Escuela Agrícola de Matanzas.

Santa Clara.—Sr. Antonio Ponce de León, Director de la Granja Escuela Agrícola de Santa Clara.

Santiago de Cuba.—Sr. Antonio Bruna, Director de la Granja Escuela Agrícola de Oriente.

Santiago de las Vegas.—Dr. Patricio P. Cardía, chief of the department of vegetable pathology, agricultural experiment station.

Isle of Pines (Isla de Pinos).—Mr. J. M. Rogers, entomologist and plant pathologist of the Santa Barbara Land Association, Isle of Pines, Cuba, special inspector of that district (Isle of Pines).

Seal: "Republica de Cuba. Inspeccion Sanitaria Vegetal."

DENMARK.

Copenhagen.—Dr. and Prof. Kølpin Ravn, counsellor to the ministry of agriculture and in the pathology of plants. Dr. and Prof. Boas, counsel in agriculture and forest zoology. Dr. M. J. Lind, candidate in pharmacy, assistant and acting secretary to committee on inspection. Seal: "Landbrugsministeriets Tilsyn med Planteskoler og Planteskoleartikler." (In English: "The Inspection of Nurseries and Nursery Stock of the Ministry of Agriculture.")

ENGLAND AND WALES.

London.—Inspection office, board of agriculture and fisheries. *Chief inspection officer:* A. G. L. Rogers, head of the horticultural branch of the board of agriculture and fisheries. *Assistant inspector:* J. C. F. Fryer, entomologist. *General inspectors:* E. Garnsey, G. P. Berry. *District inspectors:* G. C. Gough, E. W. Harber, A. C. Cole, Dr. R. H. Lock, J. Snell, and H. V. Taylor.

Island of Guernsey (British).—Mons. Adolphus Collenette, expert inspector of plantations and bulb gardens.

Seal: "Board of Agriculture and Fisheries."

FRANCE.

Principal inspector.—M. le Docteur P. Marchal, Membre de l'Institut, Directeur de la Station Entomologique de Paris.

Principal assistant inspector.—M. Foex, Directeur-adjoint de la Station de Pathologie végétale de Paris.

Service d'inspection phytopathologique.—Inspecteurs chargés de la délivrance des certificats phytopathologiques (Etat établi au 1er Mai, 1914):

1e Circonscription (Seine): M. Guenaux, Répétiteur de Zoologie à l'Institut National Agronomique.

2e Circonscription (Aube, Nord, Oise, Pas-de-Calais, Seine-et-Marne, Seine-et-Oise): M. Fron, Maître de Conférences de Pathologie Végétale à l'Institut National Agronomique.

3e Circonscription (Aisne, Ardennes, Marne): M. Demolon, Directeur de la Station Agronomique de l'Aisne.

4e Circonscription (Côte-d'Or, Doubs, Haute-Marne, Haute-Saône, Haut-Rhin, Yonne): M. Paillot, Directeur de la Station Entomologique de Beaune.

5e Circonscription (Meurthe-et-Moselle, Meuse, Vosges): M. Beauverie, Maître de Conférences à la Faculté des Sciences de Nancy.

6e Circonscription (Calvados, Eure, Manche): M. Houard, Maître de Conférences à la Faculté des Sciences de Caen.

7e Circonscription (Seine-Inférieure, Somme): M. Laurent, Ingénieur agronome, Directeur des Services Agricoles de la Seine-Inférieure.

8e Circonscription (Côtes-du-Nord, Finistère, Ille-et-Vilaine, Orne, Mayenne, Morbihan): M. Ducomet, Professeur de Pathologie végétale à l'Ecole Nationale d'Agriculture de Rennes.

9e Circonscription (Loire-Inférieure, Maine-et-Loire, Sarthe, Vendée): M. Ducomet, Professeur de Pathologie végétale à l'Ecole Nationale d'Agriculture de Rennes.

10e Circonscription (Charente-Inférieure, Indre-et-Loire, Deux-Sevres, Vienne, Haute-Vienne): M. Maige, Professeur à la Faculté des Sciences de Poitiers.

11e Circonscription (Eure-et-Loir, Loiret): M. Arnaud, Chef de travaux à la Station de Pathologie végétale de Paris.

12e Circonscription (Loir-et-Cher): M. Vuillet, chargé de mission à la Station Entomologique de Paris.

13e Circonscription (Allier, Cher, Indre, Nièvre, Puy-de-Dôme): M. Rabate, Ingénieur agronome, Directeur des Services Agricoles du Cher.

14e Circonscription (Charente, Corrèze, Creuse, Dordogne, Gironde, Landes, Lot-et-Garonne, Basses-Pyrénées): M. Capus, Directeur de la Station de Pathologie végétale de Cadillac.

15e Circonscription (Aude): M. Daumezon, Directeur du Bureau d'Hygiène de la Ville de Narbonne.

16e Circonscription (Ain, Isère, Jura, Loire, Haute-Loire, Rhône, Saône-et-Loire, Savoie, Haute-Savoie): M. Chifflot, chargé de cours à la Faculté des Sciences de Lyon.

17e Circonscription (Pyrénées-Orientales): M. Ruby, Directeur des Services Agricoles des Pyrénées-Orientales.

18e Circonscription (Aveyron, Ardèche, Cantal, Gard, Hérault, Lozère): M. Picard, Directeur de la Station Entomologique de Montpellier.

19e Circonscription (Ariège, Gers, Haute-Garonne, Lot, Hautes-Pyrénées, Tarn): M. Prunet, Professeur à la Faculté des Sciences de Toulouse.

20e Circonscription (Basses-Alpes, Hautes-Alpes, Bouches-du-Rhône, Drôme, Var, Vaucluse): M. le Docteur Cotte, Professeur à l'Ecole de Médecine et de Pharmacie de Marseille.

21e Circonscription (Alpes-Maritimes): M. Poirault, Directeur de la Station de Pathologie végétale d'Antibes.

22e Circonscription (Corse): M. Poirault, Directeur de la Station de Pathologie végétale d'Antibes.

Seal: "Republique Française. Ministere de l'Agriculture. Direction des Services Sanitaires et Scientifiques et de la repression des fraudes."

GERMANY.

ALSACE-LORRAINE.

No information.

GRAND DUCHY OF BADEN.

Plant-inspection service.—Official supervisory office: Head of the Grand Ducal agricultural experiment office at Augustenberg. Dr. Karl von Wahl, Dr. Karl Muller, officials of the Grand Ducal agricultural experiment office of Augustenberg. Seal: "Gr. Bad. Landwirtschaftliche Versuchsanstalt, Augustenberg."

KINGDOM OF BAVARIA.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. Lorenz Hiltner, director of the Royal Agricultural Botanical Institute at Munich. Deputy: Dr. Gustav Korff, assistant at the Royal Agricultural Botanical Institute at Munich, chief of the plant-protection division of the institute. Second deputy: The then assistant chief of the aforesaid plant protection division, at present Kurt Altheimer, graduated agriculturist. Seal: "K. B. Agrikulturbotanische Anstalt, München."

Joseph Häberlein, inspector of agriculture, principal of the Royal School of Horticulture of Weihenstephan. Substitute: W. Schmidt, head gardener of the institution. Seal: "Kgl. Bayer. Gartenhauschule, Weihenstephan."

Dr. Achilles Zschokke, director of the Royal Educational and Experiment Institution for Wine and Fruit Cultivation of Neustadt an der Hardt. Substitute: Dr. R. Kirchner, assistant in the physiological station of the said institution. Seal: "Direkt. D. K. B. Lehr- u. Vers.-Anst. f. Wein- u. Obstbau, Neustadt, A. H."

Rudolf Wilhelm Gareis, graduated agriculturist, principal of the Royal School of Wine, Fruit, and Garden Cultivation of Veitshöchheim. Substitute: Dr. Gerneck, teacher of natural science at the said institution. Seal: "K. B. Lehranstalt F. Wein-Obst- u. Gartenbau in Veitshöchheim."

Jakob Gross, teacher of agriculture, principal of the Royal School of Fruit and Wine Cultivation at Schlachters near Lindau. Substitute: The assistant of the institution for the time being, at present Friedrich Bauer. Seal: "K. B. Obst- u. Weinbauschule, Schlachters B. Lindau."

BRANDENBURG, INCLUDING BERLIN.

Observation district: Province of Brandenburg, including Berlin, in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

Expert, Dickopp; rank, director; residence, Werder a/Havel. Seal: "Obstbau-Winterschule, Werder a/H."

Deputy, Schmidt; rank, teacher of horticulture; residence, Oranienburg. Seal: "Landwirtschaftliche u. Gärtner. Lehranstalt, Oranienburg."

See list of inspectors in observation service for the diseases of cultivated forest plants in above province and others.

FREE HANSEATIC CITY OF BREMEN.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Dr. Ernest Lemmermann, assistant of the botanical division of the City Museum of Bremen. Deputies: Karl Messer, instructor in botanics; Fritz Wilde, teacher at the Modern High School of Bremen. Seal: "Untersuchungsbeamter f. Pflanzenausfuhr, Freie Hansestadt Bremen."

GRAND DUCHY OF BRUNSWICK-LUNEBURG.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. (1) Prof. Dr. Ruschhaupt of Helmstedt, chief instructor at the Agricultural College of Mecklenburg, head of the central office for plant protection of the Chamber of Agriculture. (2) Deputy, Ziegeler, garden inspector, principal of the Grand Ducal Nursery at Brunswick for Cultivated Forest Plants. (3) Prof. Falk of the Forestry Academy at Hann Münden. (4) Deputy, Prof. Rhumbler of the Forestry Academy of Hann Münden. Seal: "Amtliche Pflanzenbeschau im Herzogt. Braunschweig."

CASSEL.

Observation district: Government district of Cassel in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural Experiment Station of the Chamber of Agriculture for the Government District of Cassel at Harleshausen near Cassel.

Expert, Dr. Haselhoff; rank, professor; residence, Harleshausen.

Deputy, Dr. Hager; rank, chief of division; residence, Harleshausen.

Seal: "Landw. Versuchsstation Der Landw.-Kammer für den Reg.-Bez. Cassel—Harleshausen bei Cassel—Amtl. Stelle für Nahr.-Untersuch."

See list of inspectors in observation service for the diseases of cultivated forest plants in above district, etc.

EAST PRUSSIA.

Observation district: Province of East Prussia in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Plant protection office of the Chamber of Agriculture of Königsberg in Prussia.

Expert: Dr. Lemke; rank, director of the plant protection office; residence, Königsberg i/Pr.

Deputy, Kotelmann; rank, royal inspector of horticulture; residence, Königsberg i/Pr.

Seal: "Pflanzenschutzstelle—Landwirtschaftskammer f. d. Prov. Ostpreussen—Königsberg i/Pr."

See list of inspectors in observation service for the diseases of cultivated forest plants in above province, etc.

CITY AND DISTRICT OF ERFURT.

Observation district: City and district of Erfurt in Kingdom of Prussia, German Empire. Observation service for the protection of plants. Central office in district: Central office for the protection of plants at Erfurt.

Expert, Grisch; rank, counselor of husbandry; residence, Erfurt.

No seal furnished.

FREE AND HANSEATIC CITY OF HAMBURG.

Plant-inspection service.—Official supervisory office: Institute for Applied Botany at Hamburg. Prof. Dr. Brick, head of the plant protection station at Hamburg. Deputy, Dr. Lindinger, scientific assistant at the above-named station. Seal: "Botanische Staatsinstitute Abtlg. f. Pflanzenschutz—Hamburg."

HANNOVER.

Observation district: Province of Hannover in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Office of the director of the agricultural experiment field of the University at Goettingen.

Expert, Zeeb; rank, principal of the winter school; residence, Weener.

Deputy, Sheidsmann; rank, principal of the winter school, residence, Leer.

Seal: "Landwirtschafts-Kammer für die Provinz Hannover."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

GRAND DUCHY OF HESSEN.

Plant-inspection service.—Official supervisory office: Chamber of Agriculture for the Grand Duchy of Hessen, at Darmstadt.

(1) Prof. Dr. Gisevius, director of the Agricultural Institute of the University of Giessen. Dr. Derlitzki, assistant. Seal: "Landwirtsch. Institut Gr. Hess. Landes-Universität—Giessen."

(2) Economy Councilor Fuhr, director of the School for Wine and Fruit Growing, at Oppenheim. Prof. Dr. Muth, instructor in natural sciences. Dr. Kissel, instructor in agriculture. Seal: "Gr. Hess. Wein- u. Obstbauschule—Oppenheim."

(3) Economy Councilor Walter, of Lengfeld, president of the Chamber of Agriculture for the Grand Duchy of Hessen. Deputy: Dr. Hamann, of Darmstadt, secretary of the Chamber of Agriculture. Deputy: Dr. Müller, of Darmstadt, reporter for the plant-protection service of the Chamber of Agriculture. Deputy: Herr Pfeifer, of Darmstadt, fruit and wine culture inspector. Seal: "Landwirtschaftskammer f. das Grossherzogtum Hessen-Darmstadt."

HOHENZOLLERN.

The territory of Hohenzollern has been linked, for the observation of the diseases of cultivated plants of agriculture, horticulture, and forestry, to the central office created at Hohenheim at the Botanical and Plant Protection Institute for the Kingdom of Wurttemberg. Holder of the contract: Headquarters of the Union for the Furtherance of Agriculture in the territory of Hohenzollern, at Sigmaringen.

Central agriculture and horticulture office: Expert, Count von Brühl, president of the Board of Government, actual chief privy councilor, at Sigmaringen. Deputy, Dietten, lessee of the public domain, at Sigmaringen. Seal: "Landw. Centralstelle für Hohenz. in Sigmaringen."

KINGDOM OF WURTTEMBERG.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. O. von Kirchner, chief of the Royal Institute for Plant Protection at Hohenheim. Deputy, Dr. W. Lang, at Hohenheim. Seal: "K. W. Anstalt f. Pflanzenschutz—Hohenheim."

PRINCIPALITY OF LIPPE-DETMOLD.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

For cultivated agricultural and garden plants: Prof. Dr. Spieckermann, of the agricultural experiment station of the Chamber of Agriculture of Münster in Westphalia. Deputy, Peter Kotthoff, assistant at the agricultural experiment station of the Chamber of Agriculture of Münster in Westphalia. Teacher of Agriculture von Thun, head of the Agricultural College of Lage, in Lippe.

For cultivated forest plants: (1) Prof. Falk, of the Forestry Academy of Hann-Munden. Deputy, Prof. Rhumbler, of the Forestry Academy of Hann-Munden. (2) For the forest district of Lopshorn: Forester Rotteken, Forsthaus Heidental (Post Hiddesen). (3) For the forest district of Berlebeck: Forester Raker, at Berlebeck. (4) For the forest district of Kohlstadt-Horn: Forester Frevert, at Oesterholz (Post Schlangen). (5) For the forest district of Schieder: Forester Riekehof, of Schieder. (6) For the forest district of Varenholz: Forester Schmidt, at Langenholzhausen. (7) For the forest district of Sternberg: Forester Meyer, at Sternberg (Post Linderhoffe). (8) For the forest district of Detmold: Forester Hornhardt, at Detmold. (9) For the forest district of Falkenhagen: Forester von Lauchert, at Falkenhagen (Post Rischenau).

No seal furnished.

FREE HANSEATIC CITY OF LÜBECK.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry, at Dahlem, near Berlin (see below).[1] Steyer, Ph. D., chief instructor, head of the State office for the protection of plants at Lübeck. Deputy, Dr. Behn, commercial chemist, and Winkler, teacher of agriculture. Seal: "Staatliche Pflanzenschutzstelle—Lübeck."

GRAND DUCHY OF MECKLENBURG-SCHWERIN.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry, at Dahlem. Dr. Hans Zimmermann, chief of division at the agricultural experiment station of Rostock, head of the central office for plant protection. Deputy, Dr. A. Baumann, Ph. D., agricultural assistant at the above-named experiment station. Seal: "Landw. Versuchsstation Abt. für Pflanzenschutz." (Also red wax seal received, reading: "Landwirthschaftliche Versuchsstation Rostock.")

GRAND DUCHY OF MECKLENBURG-STRELITZ.

Same as Grand Duchy of Mecklenburg-Schwerin, given above.

---

[1] Jan. 16, 1914. German Embassy stated that supervision would be again exercised by the police office of Lübeck.

GRAND DUCHY OF OLDENBURG.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Walther, provincial fruit grower at Oldenburg. Deputy, Immel, court gardener at Oldenburg. Seal: "Grossherzoglich Oldenburgischer—Oldenburg i. Gr.—Landesobstgärtner."

POMERANIA.

Observation district: Province of Pomerania in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Chamber of Agriculture for the Province of Pomerania, at Stettin.

Expert, Dr. Storms; rank, head of the institute; residence, Stettin.

Deputy, Kleins; rank, assistant; residence, Stettin.

Seal: "Anstalt für Pflanzenbau der Landwirtschaftskammer für die Provinz Pommern."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

PRINCIPALITY OF REUSS, ELDER BRANCH.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. Ludwig, aulic councilor at Greiz, head of the botanical central office for the Principality of Reuss. Deputy, Prof. Dr. Settegast, of Kostritz (acting for aulic councilor, Prof. Dr. Ludwig, of Greiz). Seal: "Pflanzenbesichtigungsdienst des Fürstentums Reuss ält. Lin."

PRINCIPALITY OF REUSS, YOUNGER BRANCH.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. Ludwig, aulic councilor at Greiz, head of the botanical central office for the Principality of Reuss. Prof. Dr. Settegast, head of the Agricultural Institute at Kostritz, near Gera. Seal: "Pflanzenbesichtigungsdienst des Fürstentums Reuss j. L."

GRAND DUCHY OF SAXE-ALTENBURG.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Prof. Dr. Edler, privy councilor, director of the Agricultural Institute of the University of Jena, head of the central office for plant protection at Jena. Deputy, Dr. Zade, first assistant chief of the agricultural experiment station at the University of Jena, at Jena. Seal: "Grossherzgl. S. Landw. Versuchsstation A. D. Universität Jena. Vigilando Ascendimus."

DUCHY OF SAXE-ANHALT.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. Wilhelm Kruger, director of the agricultural experiment station of Bernburg. Deputy, Prof. Dr. Hermann Roemer, scientific assistant at the aforesaid station. Seal: "Herzogl. Landes-Versuchsstation—Bernburg."

GRAND DUCHY OF SAXE-COBURG AND GOTHA.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

(1) Dr. Müller, professor of the experiment station for plant protection of the Chamber of Agriculture of Halle on the Saale. Deputy, Dr. Molz, of the experiment station for plant protection of the Chamber of Agriculture of Halle on the Saale. Seal:

"Versuchsstation für Pflanzenkrankheiten—Halle a. Saale—Institut d. Landwirtschaftskammer f. d. Provinz Sachsen."

(2) Also for the Duchy of Coburg: Fischer, economy councillor at Coburg. Deputy, Bruckner, teacher at Coburg for the Duchy of Gotha. Seal: "Landwirtschaftliche Winterschule—Coburg."

(3) Otto Bissmann, fruit culture inspector, manager of the ducal nursery at Gotha. Deputy, Theodor Wagner, chief gardener at Gotha. Seal: "Herzogl. S. Landesbaumschule—Gotha."

GRAND DUCHY OF SAXE-MEININGEN.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Prof. Dr. Edler, privy councillor, director of the Agricultural Institute of the University of Jena, head of the central office for plant protection at Jena. Deputy, Dr. Zade, first assistant chief of the agricultural experiment station at the University of Jena, at Jena. The central supervising office for the experts of the Duchy of Saxe-Meiningen is the division of the interior in the Ducal Ministry of the State of Saxe-Meiningen. Seal: "Grossherzgl. S. Landw. Versuchsstation A. D. Universitat Jena. Vigilando Ascendimus."

GRAND DUCHY OF SAXE-WEIMAR.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Prof. Dr. Edler, privy councillor, director of the Agricultural Institute of the University of Jena, head of the central office for plant protection at Jena. Deputy, Dr. Zade, first assistant chief of the Agricultural experiment station at the University of Jena, at Jena. Seal: "Grossherzgl. S. Landw. Versuchsstation A. D. Universitat Jena. Vigilando Ascendimus."

KINGDOM OF SAXONY.[1]

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. (1) Prof. Dr. Steglich, Government councillor, chief of the central plant protection office of the Kingdom of Saxony at Dresden. (2) Prof. Dr. Arno Naumann of the horticultural experiment station of Dresden, for district of the prefectures of Dresden and Bautzen. (3) Inspector Mönkemeyer, of the botanical garden of the University of Leipzig for the district of the prefectures of Leipzig, Chemnitz and Zwickau. Deputy of the officials named under 1 to 3: Dr. Pieper, assistant chief of the agricultural experiment station at Dresden. Seal: "Pflanzenschutzdienst im Königreich Sachsen."

SAXONY.[2]

Observation district: Province of Saxony in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Experiment station for the protection of plants of the Chamber of Commerce of Halle on the Saale.

Expert, Dr. Müller; rank, professor; residence, Halle a/S.

Deputy, Dr. Mobz; rank, acting head of the experiment station; residence, Halle a/S.

Seal: " Versuchsstation für Pflanzenkrankheiten—Halle a. Saale—Institut d. Landwirtschaftskammer f. d. Provinz Sachsen."

See list of inspectors in observation service for the diseases of cultivated forest plants in above province, etc.

PRINCIPALITY OF SCHAUMBURG-LIPPE.

Declines to take action because no plants are exported to the United States of America.

---

[1] Not Province of Saxony. [2] Not Kingdom of Saxony.

SCHLESWIG-HOLSTEIN.

Observation district: Province of Schleswig-Holstein in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural chemical experiment station of the Chamber of Agriculture at Kiel.

Expert, Dr. Wehnert; rank, head of the agricultural chemical experiment station; residence, Kiel.

Deputy, Dr. Sieden; rank, deputy chief of the agricultural chemical experiment station; residence, Kiel.

Seal: "Agrikulturchemische Versuchsstation der Landwirtschaftskammer—Kiel—Für die Prov. Schlesw.-Holstein—Hauptsammelstelle für Pflanzenschutz."

See list of inspectors in observation service for the diseases of cultivated forest plants in above province, etc.

PRINCIPALITY OF SCHWARZBURG-RUDOLSTADT.

Declines to take action because no plants are exported to the United States of America.

PRINCIPALITY OF SCHWARZBURG-SONDERSHAUSEN.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

(1) Upper Dominion and the city of Sondershausen.—Forester Margraf of Sondershausen. Deputy, Junior Forester Fischer of Sondershausen. Seal: "Fürstl. Schwarzb. Oberforstamt. Sondershausen."

(2) Lower Dominion and the city of Arnstadt.—Forester Preiss of Arnstadt. Seal: "Der Fürstl. Oberförster. Arnstadt." Deputy, Forester Lammerzahl of Gehren. Seal: "Der Fürstl. Oberförster für Untergehren, Gehren."

SILESIA.

Observation district: Province of Silesia in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural and botanical experiment and seed testing station of the Chamber of Agriculture of Breslau.

Expert, Dr. Grosser; rank, director; residence, Breslau.

Deputy, Dr. Oberstein; rank, station's botanist; residence, Breslau.

Seal: "Agrikultur-botanische Versuchs- u. Samenkontrollstation der Landwirtschaftskammer für die Provinz Schlesien."

See list of inspectors in observation service for the diseases of cultivated forest plants in above province, etc.

WESTPHALIA.

Observation district: Province of Westphalia in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural experiment station of the Chamber of Agriculture of Münster in Westphalia.

Expert, Dr. Spierkermann; rank, professor; residence, Münster i/Westp.

Deputy, Kotthoff Potor; rank, assistant in the agricultural experiment station; residence, Münster i/Westp.

Seal: "Landwirtsch. Versuchsstation—Münster i/W."

See list of inspectors in observation service for the diseases of cultivated forest plants in above province, etc.

WEST PRUSSIA AND POSEN.

Observation district: Provinces of West Prussia and Posen in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Division of plant diseases in the Kaiser Wilhelm Institute for Agriculture in Bromberg.

Expert, Dr. Schander; rank, professor; residence, Bromberg.

Deputy, Krause Fritz; rank, assistant; residence, Bromberg.

Seal: "Abteilung für Pflanzenkrankheiten des Kaiser Wilhelms Instituts für Landwirtschaft in Bromberg."

See list of inspectors in observation service for the diseases of cultivated forest plants in above provinces, etc.

GOVERNMENT DISTRICT OF WIESBADEN AND RHINE PROVINCE.

Observation district: (*a*) Government district of Wiesbaden and Rhine Province in Kingdom of Prussia, German Empire, so far as the culture of wine, fruit, and gardens is concerned (Geisenheim). (*b*) Rhine Province in Kingdom of Prussia, German Empire, so far as it does not affect the college at Geisenheim as central office. Observation service for the diseases of cultivated agricultural and garden plants as above (exclusive of cultivated forest plants). Central offices in observation district: For (*a*) above, plant pathology experiment station of the Royal College of Viticulture, Fruit Culture, and Horticulture at Geisenheim on the Rhine; for (*b*) above, agricultural Academy at Bonn-Poppelsdorf.

Expert at Geisenheim, Dr. Lustner; rank, head of the plant pathological experiment station; residence, Geisenheim a/Rh.

Deputy at Geisenheim, the assistant of the plant pathological experiment station; at present, Wissmann; rank, assistant of the plant pathological experiment station; residence (of Wissmann), Geisenheim a/Rh.

Seal: "Königliche Lehr-Anstalt für Obst-, Wein- und Gartenbau zu Geisenheim a. R.—Pflanzenpathologische Versuchsstation."

Expert at Bonn-Poppelsdorf, Wagner; rank, inspector of fruit culture; residence, Bonn.

Deputy at Bonn-Poppelsdorf, Stubler; rank, inspector of fruit culture; residence, Bonn.

Seal: "Landwirtschaftskammer für die Rheinprovinz in Bonn."

See list of inspectors in observation service for the diseases of cultivated forest plants in above province, etc.

Additional experts for the Rhine Province who have been charged by the royal Prussian minister of agriculture, domains, and forests with the duty of examining plants and nursery stock intended for export to the United States, and of issuing the requisite certificates of inspection:[1]

Wagner, Obstbauinspektor der Landwirtschaftskammer, Bonn. Seal: "Landwirtschaftskammer für die Rheinprovinz in Bonn."

Braden, Direktor der Provinzial-Obst- und Weinbauschule, Ahrweiler. Seal: "Prov. Wein- und Obstbauschule zu Ahrweiler."

Muller, Direktor der Provinzial-Obst- und Weinbauschule, Trier. Seal: "Provinzial-Weinbauschule zu Trier."

Schulte, Direktor der Provinzial-Obst- und Weinbauschule, Kreuznach. Seal: "Prov. Wein- und Obstbauschule zu Kreuznach."

Schreiber, Direktor der Winterschule, Haldern (Rhld.). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Haldern, Rhld."

Tille, Direktor der Winterschule, Brünen (Niederrhein). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Brünen, Kreis Rees."

[1] These experts are not assigned to specified districts in the province.

Schoenmackers, Direktor der Winterschule, Geldern. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Geldern."

Reuther, Direktor der Winterschule, Xanten. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Xanten."

Haack, Direktor der Winterschule, Moers. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Moers."

Magny, Direktor der Winterschule, Kettwig (Ruhr). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Kettwig, Ruhr."

Dr. Habernoll, Direktor der Winterschule, Crefeld. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Crefeld."

Meyer, Landwirtschaftslehrer, Dülken. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Dülken."

Caspers, Direktor der Winterschule, Kempen (Rhein). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Kempen (Rhein)."

Woebel, Direktor der Winterschule, Ratingen. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Ratingen."

Hagert, Landwirtschaftslehrer, Vohwinkel. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Vohwinkel."

Kunze, Direktor der Winterschule, Lennep. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Lennep."

Wolff, Direktor der Winterschule, Neuss. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Neuss."

Dr. Wellman, Direktor der Winterschule, Odenkirchen. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Odenkirchen."

Scholz, Direktor der Winterschule, Bergheim (Erft). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Bergheim, Erft."

Oechsner, Direktor der Winterschule, Zülpich. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Zülpich."

Schillinger, Direktor der Winterschule, Rheinbach. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Rheinbach."

Dr. Schnert, Direktor der Winterschule, Hennef (Sieg). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Hennef, Sieg."

Dr. Pützkaul, Direktor der Winterschule, Lindlar. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Lindlar, Kreis Wipperfürth."

Dr. Ziegenbein, Direktor der Winterschule, Vollmerhausen (Bez. Cöln). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Vollmerhausen, Cöln."

Orth, Direktor der Winterschule, Waldbroel. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Waldbroel."

Tunkel, Direktor der Winterschule, Geilenkirchen (Rheinland). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Geilenkirchen, Rhld."

Rieke, Direktor der Winterschule, Erkelenz. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Erkelenz."

Meyer, Ökonomierat, Direktor der Winterschule, Eschweiler. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Eschweiler."

Wintgen, Direktor der Winterschule, Jülich. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Jülich."

Albers, Direktor der Winterschule, Jmgenbroich. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Jmgenbroich."

Dr. Koch, Direktor der Winterschule, Wetzlar. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Wetzlar."

Fisch, Direktor der Winterschule, Wissen (Sieg). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Wissen, Sieg."

Dr. Rauser, Direktor der Winterschule, Niederbieber. Seal: "Landw. Winterschule, D. Landw. Kammer F. D. Rheinpr. zu Niederbieber, Kr. Neuwied."

Friessleben, Ökonomierat, Direktor der Winterschule, Andernach. Seal: "Landw. Winterschule, D. Landw. Kammer F. D. Rheinpr. zu Andernach."

Binkert, Direktor der Winterschule, Adenau. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Adenau."

Kotzel, Direktor der Winterschule, Bullay. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Bullay."

Freiherr von Löffelholz, Direktor der Winterschule, Meisenheim (Glan). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Meisenheim."

Schweikert, Direktor der Winterschule, Simmern (Hunsrück). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Simmern, Hunsrück."

Niessen, Direktor der Winterschule, Hillesheim (Eifel). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Hillesheim, Eifel."

Dr. Schmitz, Direktor der Winterschule, Call-Heistert (Kr. Schleiden). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Call-Heistert (K. Schleiden)."

Weinberg, Direktor der Winterschule, Neuerburg. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Neuerburg."

Ritgen, Direktor der Winterschule, Prüm. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Prüm."

Wirz, Ökonomierat, Direktor der Winterschule, Wittlich. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Wittlich."

Hömberg, Direktor der Winterschule, Saarburg (Bez. Trier). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Saarburg, Bez. Trier."

Berth, Direktor der Winterschule, Hermeskeil. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Hermeskeil."

Dr. Pfeiffer, Direktor der Winterschule, St. Wendel. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu St. Wendel."

Dr. Siebenhütter, Direktor der Winterschule, Saarlouis. Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Saarlouis."

Flerlage, Direktor der Winterschule, St. Vith (Eifel). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu St. Vith."

Hillmann, Direktor der Winterschule, Morbach (Bez. Trier). Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Morbach, Bez. Trier."

Bernhard, Technischer Leiter der Schule, Kreuznach. Seal: "Prov. Wein- und Obstbauschule zu Kreuznach."

Kuhlmann, Direktor der Winterschule, Cleve. Seal: "Landwirthschaftsschule in Cleve."

PRINCIPALITY OF WALDECK AND PYRMONT.

Declines to take action because no plants are exported to the United States of America.

KINGDOM OF PRUSSIA, GERMAN EMPIRE.

Observation district: Provinces of East Prussia, West Prussia, Posen, Brandenburg (including Berlin), Pomerania, Silesia, Saxony (not Kingdom of Saxony). Observation service for the diseases of cultivated forest plants (exclusive of cultivated agricultural and garden plants). Central office in district: Forest Academy at Eberswalde.

Expert: Dr. Moller; rank, chief forester-professor; residence, Eberswalde.

Deputy, Bandow; rank, forest assessor; residence, Eberswalde.

Besides the assistance of Professor of Zoology Dr. Eckstein, Eberswalde.

Seal: "Königl. Preuss. Forst-Akademie Eberswalde."

See list of inspectors in observation service for the diseases of cultivated agricultural and garden plants for the above Provinces, etc.

Observation district: Provinces of Westphalia, Hessen-Nassau, Rhine Province, Schleswig-Holstein, Hannover, Principality of Birkenfeld. Observation service for the diseases of cultivated forest plants (exclusive of cultivated agricultural and garden plants.) Central office in district: Forest Academy at Hann-Munden.

Expert, Falk; rank, professor; residence, Hann-Munden.

Deputy, Rhumbler; rank, professor; residence, Hann-Munden.

Seal: "Zoologisches Institut der Königl. Forstakademie Munden."

Seal: "Mykolog. Institut D. Kgl. Preuss. Forstakademie Munden."

See list of inspectors in observation service for the diseases of cultivated agricultural and garden plants for the above Provinces, etc.

GUATEMALA.

Guatemala.—Mr. Manuel Lemus, director general of mines and industries. (Temporary appointment.) Seal: "Dirección General de Agricultura. Republica de Guatemala, C. A."

HOLLAND.

Wageningen.—Dr. J. Ritzema Bos, chief of the Dutch phytopathological service, Instituut voor Phytopathologie. Seal: "Ministerie van Landbouw, Nijverheid en Handel. Directie van den Landbouw Phytopathologische Dienst."

IRELAND.

Dublin.—Department of agriculture and technical instruction. Sir Frederick W. Moore, M. R. I. A., keeper of the Royal Botanic Gardens, Glasnevin, Dublin. G. H. Carpenter, B. Sc., M. R. I. A., Royal College of Science. G. H. Pethybridge, Ph. D., B. Sc., head of the seeds and plant diseases division of the department's agricultural branch. W. S. Irving, junior inspector of the department. I. Dearnaley, horticultural inspector of the department. G. Doolan, horticultural inspector of the department. G. O. Sherrard, A. R. C. Sc. I., horticultural inspector of the department. E. Turner, A. R. C. Sc. I., horticultural inspector of the department.

Mr. James Vincent Coyle, principal staff officer in the agricultural branch of the department of agriculture and technical instruction, has been appointed chief inspection official for Ireland.

Mr. F. J. Meyrick and Mr. D. J. McGrath, staff officers in the agricultural branch, have been appointed as deputies to sign certificates on behalf of the chief inspection official.

Seal: "Department of Agriculture and Technical Instruction."

JAPAN.

Yokohama and Kobe.—Department of agriculture and commerce. Chief plant inspector, S. I. Kuwana; plant inspectors, K. Homma and K. Habutsu at Yokohoma; M. Ono and T. Machida at Kobe. Seal: "Department of Agriculture and Commerce."

LEEWARD ISLANDS.[1]

Curators, botanical stations: T. Jackson, Antigua; F. R. Shepherd, St. Kitts-Nevis; J. Jones, Dominica; W. Robson, Montserrat; C. A. Gomes (acting), Virgin Islands. As the curators of the several stations are not supplied with distinctive seals of office certificates issued by the officials referred to will bear a rubber stamp marked with date of issue.

GRAND DUCHY OF LUXEMBURG.

Luxemburg.—Mr. Victor Ferrant, inspector of the agricultural and horticultural department of Luxemburg. Seal: "Grand Duché de Luxembourg. Station Phytopathologique."

---

[1] Not Leeward Islands of the Spaniards.

NEW ZEALAND.

Auckland.—G. E. Harnett, of department of agriculture, industries, and commerce. C. Craigie, of department of agriculture, industries, and commerce.

Bluff.—R. Hutton, of department of agriculture, industries, and commerce.

Christchurch.—G. Esam, of department of agriculture, industries, and commerce.

Dunedin.—W. T. Goodwin, of department of agriculture, industries, and commerce. T. E. Taylor, of department of agriculture, industries, and commerce.

Wellington.—C. E. C. Dyke, of department of agriculture, industries, and commerce. T. C. Webb, jr., of department of agriculture, industries, and commerce.

Seal: "Dept. of Agriculture, Industries, & Commerce. Dominion of New Zealand."

SCOTLAND.

Edinburgh.—Mr. R. Stewart MacDougall, M. A., D. Sc., biological adviser to the board of agriculture. Mr. Thomas Anderson, M. A., B. Sc., assistant inspector. Seal: "Board of Agriculture for Scotland."

UNION OF SOUTH AFRICA.

Government plant inspectors under the direct control of the chief of the division of entomology (Mr. C. P. Lounsbury, B. Sc.) are stationed at Pretoria, Johannesburg, Durban, East London, Port Elizabeth, and Cape Town, all of whom are competent to examine and issue certificates covering their inspection of plants intended for export to the United States. The Government of the Union of South Africa has appointed (1) Mr. Chas. P. Lounsbury, chief of the division of entomology, Pretoria; (2) Mr. Claude Fuller, assistant chief of the division of entomology, Pretoria; (3) Mr. C. W. Mally, Cape entomologist, Cape Town, as inspectors. Seals: "Department of Agriculture, Division of Entomology," and "Office of Cape Entomologist, Cape Town."

STRAITS SETTLEMENTS.

Singapore.—Mr. Isaac Henry Burkill, director of gardens, Straits Settlements, chief inspection officer for the issue of certificates.

Singapore.—Mr. James Webster Anderson, assistant curator, botanical gardens, will be assistant to above director.

Penang.—Mr. Mohammed Haniff, overseer, botanical gardens, will be assistant to above director.

No seal furnished.

SWITZERLAND.

Canton Zurich, Wadenswyl.—Prof. Dr. Müller-Thurgau (1910), Swiss Experimental Station for Arboriculture, Viticulture, and Horticulture. Seal: "Schweizerische Versuchsanstalt für Obst-, Wein-, und Gartenbau." (Swiss Experimental Station for Arboriculture, Viticulture, and Horticulture.)

TRINIDAD AND TOBAGO.

Port of Spain.—Mr. W. G. Freeman, assistant director of agriculture and Government botanist (chief inspector). Mr. Joseph De Verteuil, assistant director of agriculture. Mr. J. B. Rorer, mycologist. Mr. F. W. Urich, entomologist. Mr. P. L. Guppy, assistant entomologist. Mr. J. C. Augustus, curator, botanic gardens (Trinidad). Mr. W. E. Broadway, curator, botanic gardens (Tobago). Mr. D. C. Plummer, assistant superintendent, field experiments. Seal: "*Trinidad & Tobago.* Georgius V D: G: Britt: et Terrarum Trans Mar: Quae in Dit: Sunt Brit: Rex F: D: Ind: Imp."

WALES.

See England.

WINDWARD ISLANDS.

Granada.—G. G. Auchinleck, agricultural superintendent. George Branch, agricultural instructor.

St. Lucia.—J. C. Moore, agricultural superintendent. A. J. Brooks, assistant agricultural superintendent.

St. Vincent.—W. N. Sands, agricultural superintendent. F. Birkinshaw, assistant agricultural superintendent.

No seal furnished.

It is expected that additional countries will avail themselves of the privilege of exporting to the United States nursery stock in commercial quantities, by the organization of an inspection and certification system. This list will be, therefore, supplemented from time to time to include any changes or additions.

R. C. Althouse, *Secretary Federal Horticultural Board.*

INSTRUCTIONS TO POSTMASTERS.

Living canes of sugar cane, or cuttings or parts thereof, prohibited importation in the mails.

Office of Second Assistant Postmaster General,
Washington, August 10, 1914.

In view of Quarantine Order No. 15, subjoined hereto, promulgated by the Secretary of Agriculture June 6, 1914, under authority of the act of August 20, 1912, known as the Plant Quarantine Act, the importation for all purposes of living canes of sugar cane, or cuttings or parts thereof, from all foreign countries, is prohibited. The notices of this office dated December 3 and December 16, 1913, printed on page 2 of the Postal Guide for January, 1914, are modified accordingly.

Postmasters and other postal officials are instructed to give careful attention to the foregoing and to cause to be returned to origin immediately all mail importations of the products mentioned.

Joseph Stewart, *Second Assistant Postmaster General.*

[The quarantine notice was published in connection with these instructions. The necessary information respecting the prohibition in question was also communicated to the International Bureau of the Universal Postal Union at Berne, Switzerland, for notification to the countries comprising the Postal Union.]

Sugar cane unmailable in Hawaii and Porto Rico.

Office of the Third Assistant Postmaster General,
Washington, August 11, 1914.

Postmasters in Hawaii and Porto Rico are informed that, under the provisions of paragraph 1, section 478, Postal Laws and Regulations, all living canes of sugar cane, or cuttings or parts thereof, are, in view of Quarantine Order No. 16, issued by the Secretary of Agriculture on June 6, 1914, under the authority of the act of August 20, 1912, known as the Plant Quarantine Act, unmailable in Hawaii and Porto Rico for transmission into or through any other State, Territory, or District of the United States, so long as such order of the Secretary of Agriculture remains in force. Postmasters in Hawaii and Porto Rico shall inquire of all persons presenting parcels for mailing to any other State, Territory, or District of the United States whether they contain any living canes of sugar cane, or cuttings or parts thereof, and shall exercise the greatest possible care to prevent the acceptance for mailing of such product.

A. M. Dockery, *Third Assistant Postmaster General.*

[The quarantine notice was published in connection with these instructions.]

Restrictions on the mailing of certain trees, plants, and forest plant products from areas quarantined for the gipsy moth and the brown-tail moth.

OFFICE OF THIRD ASSISTANT POSTMASTER GENERAL,
Washington, August 12, 1914.

Postmasters within the area covered by Quarantine Order No. 17, issued by the Secretary of Agriculture on July 23, 1914, under authority of the act of August 20, 1912, known as the plant quarantine act, are informed that under the provisions of paragraph 1, section 478, Postal Laws and Regulations, coniferous trees, or parts of trees, and decorative plants, of the area quarantined for the gipsy moth by that order, may be accepted for mailing only when for transmission within such quarantined area, and when they do not exceed the limit of weight prescribed by law for fourth-class matter.

Forest plant products, field-grown plants, and plant products for propagation, of the area quarantined for the gipsy moth, and the deciduous trees or shrubs, and parts thereof, of the area quarantined for the brown-tail moth, on the movement of which restrictions are placed by the quarantine order above mentioned, may be accepted for mailing to any point outside the quarantined area only when accompanied with a certificate of a representative of the Department of Agriculture to the effect that they have been inspected and found free from the gipsy moth and brown-tail moth, respectively, and do not exceed the limit of weight prescribed by law for fourth-class matter.

These instructions supersede those of November 27, 1912, published in the December, 1912, supplement to the Official Postal Guide.

A. M. DOCKERY,
Third Assistant Postmaster General.

[Those parts of the quarantine and regulations necessary for the information of postmasters were published in connection with these instructions.]

Certain restrictions on the mailing of potatoes in the State of Maine.

OFFICE OF THE THIRD ASSISTANT POSTMASTER GENERAL,
Washington, August 19, 1914.

Postmasters in the State of Maine are informed that, under the provisions of paragraph 1, section 478, Postal Laws and Regulations, potatoes infected with the powdery scab (*Spongospora subterranea*) are, in view of Quarantine Order No. 14, issued by the Secretary of Agriculture on April 25, 1914, under the authority of the plant quarantine act of August 20, 1912, unmailable in that State for transmission into or through any other State, Territory, or District of the United States, and that table or seed potatoes may be accepted for mailing to or through any other State, Territory, or District of the United States only when the sender furnishes a certificate from an inspector of the Department of Agriculture to the effect that they have been inspected, pronounced to be free from powdery scab, and the containers thereof are marked as prescribed in the regulations of the Department of Agriculture. The certificate shall be retained by the postmaster.

The areas within the State of Maine designated by the Federal Horticultural Board, Department of Agriculture, as infected with powdery scab, are as follows: The county of Aroostook; the towns of Mount Chase, Patten, Medway, Woodville, Mattawamkeag, Winn, Kingman, and Prentiss; the plantations of Stacyville, Webster, and Drew, and unorganized townships Nos. 1 and 2, range 6, in Penobscot County, and the towns of Danforth, Forest City, and Vanceboro, Codyville Plantation, and unorganized townships Lambert Lake, Nos. 8, 9, 10, and 11, range 3, and No. 8, range 4, in Washington County.

Those parts of the regulations governing the shipment of potatoes from the State of Maine, issued by the Secretary of Agriculture, which are necessary for the information of postmasters, are as follows.

REGULATION 5.—CONTAINERS.

(a) In all cases where potatoes are transported in packages rather than in bulk, only sacks or other containers which have not previously held potatoes may be used.

REGULATION 10.—CERTIFICATION OF SHIPMENT.

(a) No potatoes shall be transported or received for transportation from a quarantined area to or through a State, Territory, or District other than that in which such quarantined area is located, unless and until there shall have been issued, upon a form supplied by the Federal Horticultural Board, a certificate for each separate consignment, showing that all the potatoes in the consignment have been inspected by a department inspector and pronounced to be free from powdery scab, that the containers thereof have been marked as required by the regulations (of the Department of Agriculture), the number and kind of containers * * * and the serial numbers of the inspection cards thereon. Each certificate shall also bear the names and addresses of the consignor and consignee, shall be signed by the inspector issuing it, and * * * countersigned by the consignor or his duly authorized agent.

W. J. BARROWS, *Acting Third Assistant Postmaster General.*

SHIPMENT OF ORANGES FROM THE STATE OF SONORA, MEXICO, THROUGH THE UNITED STATES IN BOND TO CANADA PERMITTED.

WASHINGTON, D. C., *August 29, 1914.*

The Honorable the SECRETARY OF THE TREASURY.

SIR: I respectfully recommend that the collector of customs at Nogales, Ariz., be instructed to allow the entry of oranges from the State of Sonora, Mexico, for shipment through the United States in bond to Canada, over the same routes and under the same conditions which governed such shipments last year. This arrangement is to remain in effect until further notice.

Respectfully,

CARL VROOMAN,
Acting Secretary of Agriculture.

Notice of Quarantine No. 5, promulgated January 15, 1913, forbids the entry for consumption in the United States of oranges and certain other fruits from Mexico. The limited investigations which it has been possible to make in the State of Sonora, owing to the disturbed conditions during the past two years, indicate that that State is probably still free from the Mexican fruit fly. Permission has therefore been given for the shipment of Sonoran oranges through the United States in bond to Canada. The precaution has been taken, however, to require all shipments to be made in refrigerator cars and routed so as not to pass through any citrus district of the United States. The oranges enter the United States at Nogales, Ariz., and are there inspected and certified by a Federal inspector, who reports the number of the car to this office as a check on the transportation company. The route specified by this department, and agreed to by the shippers, is as follows: Nogales to Rio Grande; Rio Grande to San Antonio; San Antonio to Kansas City; Kansas City to Chicago, entering Canada either at Sarnia or Windsor. It is further stipulated that all cars used in transporting such oranges must be fumigated before being returned to the United States, the following dosage to be used for each car:

1¼ pounds cyanide of potash, by weight.
1¼ pounds sulphuric acid, by volume.
2½ pounds water, by volume.

Certificates showing that this fumigation has been properly carried out are furnished to the board by the proper railway officials.

The shipment of Mexican fruit from the east coast, much of which is known to be infested, is also allowed, provided it is shipped to New York by water, thence in bond by rail to Canada.

Canada has hitherto been the principal market for Mexican fruit, and this arrangement therefore makes it still possible for the Mexican growers to get their products on the Canadian market.

R. C. Althouse,
Secretary, Federal Horticultural Board.

WASHINGTON : GOVERNMENT PRINTING OFFICE : 1914